

Title (en)

ALUMINIUM ALLOYS FOR MANUFACTURING OF ALUMINIUM CANS BY IMPACT EXTRUSION

Title (de)

ALUMINIUMLEGIERUNGEN ZUR HERSTELLUNG VON ALUMINIUMDOSEN DURCH FLIESSPRESSEN

Title (fr)

ALLIAGES D'ALUMINIUM POUR LA FABRICATION DE BOÎTES D'ALUMINIUM PAR EXTRUSION PAR PERCUSSION

Publication

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Application

EP 20382639 A 20200716

Priority

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Abstract (en)

The present invention provides aluminium alloys for manufacturing of aluminium cans by impact extrusion. Alloys according to the invention consist of 0.050-0.265 wt. % Si, 0.150-0.250 wt. % Fe, 0.010- 0.125 wt. % Cu, 0.010-0.400 wt. % Mn, 0.100-0.200 wt. % Mg, 0.150-0.250 wt. % Cr, 0.010-0.100 wt. % Ti, 0.001-0.050 wt. % B, less than 0.15 wt. % of secondary alloying elements with less than 0.05 wt. % of any secondary alloying element, and aluminium as the remainder.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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